

Date: Friday, 23/05/2008 2:11:45 PM  
User: Jean-Luc Menard

## Process Sheet

02

Customer : CC-DAR01 Dart Aerospace Ltd. Drawing Name : TUBE  
Job Number : 39467  
Estimate Number : 13339  
P.O. Number :  
This Issue : 23/05/2008 S.O. No. :  
Prsht Rev. : NC  
First Issue : 23/05/2008 Type : R&D MACHINED PARTS  
Previous Run :  
Written By : JLM 02.05.23  
Checked & Approved By :  
Comment : Est Rev:A 08-05-23 new issue DD verified by: JLM  
Part Number : D37633  
Drawing Number : D3763 PROTO 01.05.22  
Project Number : N/A  
Drawing Revision : PROTO  
Material :  
Due Date : 30/05/2008 Qty: 15 Um: Each

Additional Product

**PROTOTYPE****FOR ENGINEERING USE ONLY**

Job Number:



Seq. #: Machine Or Operation: Description :

1.0 M6061T6R1250 6061-T6 Round Bar 1.250



Comment: Qty.: 0.1145 f(s)/Unit Total: 1.7168 f(s)  
6061-T6 Round Bar 1.250

0118295

RD 08/05/28

2.0 DOOSAN LATHE DOOSAN LATHE



Comment: Doosan Lathe

1- Turn as per Folio FA751 Rev: proto & Dwg D3763 Rev: proto

2-Deburr per dwg D3763

RD 08/05/28

3.0 QC2 INSPECT PARTS AS THEY COME OFF MACHINE



Comment: INSPECT PARTS AS THEY COME OFF MACHINE

RD 08/05/28 (R)

4.0 QC8 SECOND CHECK



Comment: SECOND CHECK

RD 01.05.28

JLM 02.05.28

5.0 PACKAGING 1 PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: \_\_\_\_\_

N/A.



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## Process Sheet

Customer: CC-DAR01 Dart Aerospace Ltd.

Drawing Name: TUBE

Job Number: 39467

Part Number: D37633

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

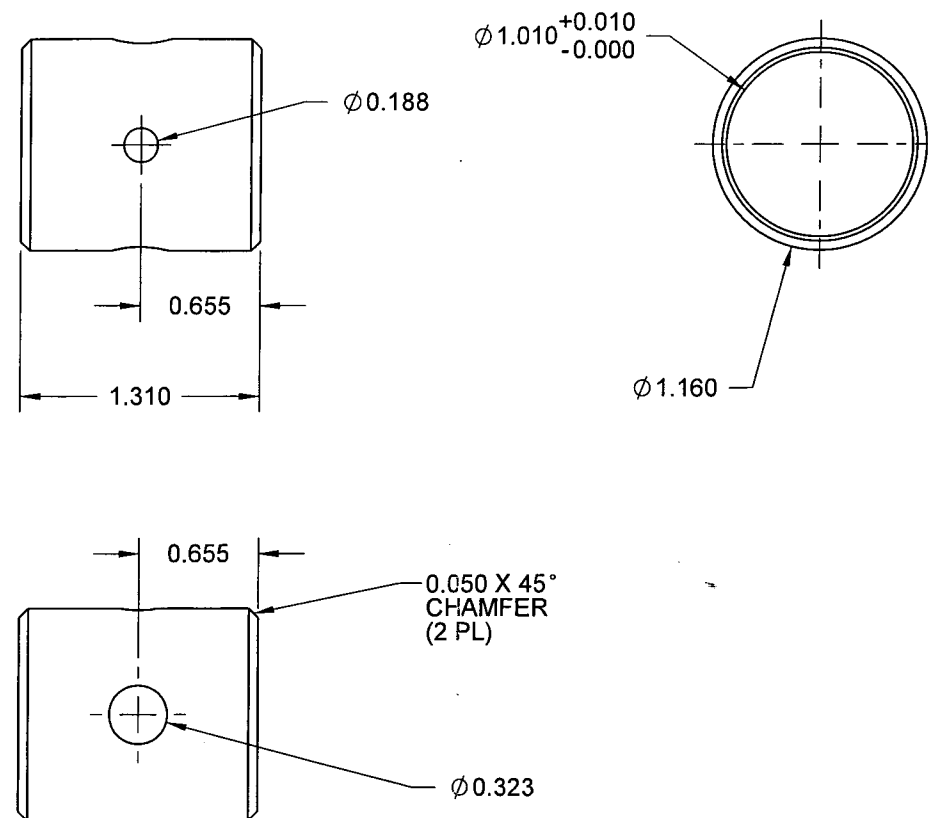
*08.06.02 Prototype*

Job Completion



*U 08-06-11*





**D3763-3 TUBE**

**PROTOTYPE**  
PLEASE RETURN ALL ISSUED  
DATA TO ENGINEERING  
08.05.22

**NOTES:**

- 1) MATERIAL: 6061-T6 (QQ-A-200/8 OR QQ-A-225/8) ALUMINUM BAR (REF. DART SPEC M6061T6B)
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.01 lbs

DESIGN	HS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	HS		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		<b>D3763</b>	SHEET 5 OF 7
APPROVED		TITLE	SCALE
DE APPR.		<b>END FITTING</b>	1:1
DATE	08.05.22	<small>COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	







# Receiving Report

Date: 05/08/16  
Supplier: Copper + Brass

Batch No: M18295  
Dart P/O: 2008463

Packing Slip: Yes ☒ No ☐  
Invoice: Yes ☐ No ☒  
Receipt: Cash ☐ Cr. ☐

Release Note Attached: Yes ☒ No ☐ N/A ☐  
Waybill Attached: Yes ☒ No ☐  
Shipment Complete: Yes ☒ No ☐  
Q.C. Inspection ☒

## Discrepancies

Part No.	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

TSR No. \_\_\_\_\_

Initials of receiver (if shipment OK) CL

Production/Admin:

Date: 05/08/16  
Received/Costing: 2008463  
Initial:  

Accounting:

Date: \_\_\_\_\_  
AP/MR: \_\_\_\_\_  
Initial: \_\_\_\_\_

H:\ISO9000\Forms\Purchase\RECREPORT rev B

FULL		SCRAP		FILLED BY <b>GM</b>		PACKED BY		Q/A AUDIT		
CUSTOMER RECEIVING HOURS				MAX SKID WEIGHT		LOADING INSTRUCTIONS			MAXIMUM BUNDLE WEIGHT	
BOXES	BARNS	CASES	CUSHP	PKGS	SKIDS	BOLS	TUBES	CTNS	FLAT	COILS
INSPECTION RECORD									1	

## TEST RESULTS

### CERTIFICATE OF COMPLIANCE

We hereby certify that mercury or any of its compounds are not used in the processing and distribution of our products. The products we distribute are not hazardous in their received state. For MSDS sheets go to [www.copperandbrass.com/msds](http://www.copperandbrass.com/msds) or call 248-233-5682. We hereby certify that the material above complies with the following specifications:

ASTM-B221

AMS-QQ-A-200/8

TAG NO QUANTITY UOM VENDOR VEND PO HEAT/LOT  
192931 00 239.00 LB ALCOA E 0CF0950 1596187

PCS : TAG NO QUANTITY UOM VENDOR VEND PO HEAT/LOT  
!

PCS





ALCOA

ALCOA EXTRUSIONS, INC.  
53 POTTSVILLE STREETCRESSONA, PA  
17929-0187

Alcoa Extrusions, Inc. a subsidiary of Alcoa Inc

Invoice To Customer

HYSSSENKRUPP MATERIALS CA LTD  
COPPER & BRASS SALES  
ACCOUNTS PAYABLE  
P.O. BOX 5116  
SOUTHFIELD, MI - 48086-5116  
Ship To CustomerHYSSSENKRUPP MATERIALS CA LTD  
COPPER & BRASS SALES CANADA  
905 KENDERRY GATE UNIT 4

MISSISSAUGA, - LST 2Y8

## Certified Inspection Report

Sales Order Number

1503729

Line No. 1

Customer P/O

CF0342

Cert Number

AEP382427

Page

1 of 2

Cert Creation Date

17-JUN-05

Cert Print Date

17-JUN-05

Quantity Shipped	Date Shipped	Item Description
1000 LB	17-JUN-05	Extruded Econ-o-Rod
B/L	Item No.	1.25 DIA +/- .006
444333	G03370452	SECT 500310
Delivery ID	Item No. Rev	144 IN LN
617352	--	6061 / T6511
Customer Part No		FIN M-MILL
018560-3		W/F 1.443 F 3 CS 1.25
		Marking CONTINUOUS;
		ASTMB221 REV 04
		AMS-QQ-A-200/8 REV
		ASMESB221 REV
		UNS#A96061 REV
		SAEJ454 REV

## Applicable Specifications, Revisions and Exceptions

COMPOSITION NOTE: The values for 'Others Each' and 'Others Total' have met the limits as shown on this certified inspection report. Remainder is Aluminum.

## Legal Statement

We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material met the composition and had the mechanical properties shown on the face of this certification. Also, note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

Signature And Title

  
 Dmitri Sheets  
 Tech/Quality Manager

17-JUN-05

## Quantities per Lot / Packages

Package Number	Lot Number	Quantity	UOM	Weight	
				Gross	Net
G12-PKG119914	1701330	29	PCS	506	500
G12-PKG119916	1701330	29	PCS	506	500

## Composition Limits

Alloy	Si		Fe		Cu		Mn		Mg		Cr	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	0.40	0.8	---	0.7	0.15	0.40	---	0.15	0.8	1.2	0.04	0.35

Alloy	Zn		Ti		Bi		Pb		Others Each		Others Total	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	---	0.25	---	0.15	---	0.05	---	0.05	---	0.05	---	0.15





ALCOA EXTRUSIONS, INC.  
53 POTTSVILLE STREET

CRESSONA, PA  
17929-0187

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## Composition Results

Heat / Cast / Lot Number	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Bi
2000390	0.7	0.26	0.29	0.05	0.9	0.07	0.04	0.02	--

Heat / Cast / Lot Number	Pb	Others Each	Others Total
2000390	--	--	--

## Technical Property - Test Limits

Test Type			UTS - L		TYS - L		EL 4D-Long	
UOM			KSI		KSI		PCT	
# of Tests			--		--		--	
Test Temper	Lot Number	# of Tests	Min	Max	Min	Max	Min	Max
T6511	1701330	9	43.0	47.8	38.8	44.7	11.7	14.8

Cert Notes

Made in USA